IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Assignee:

ABB LUMMUS GLOBAL INC.

Address of Assignee: 1515 Broad Street

Bloomfield, New Jersey 07003-3096

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

REVOCATION AND SUBSTITUTION OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36

Dear Sir:

Pursuant to 37 C.F.R. §1.36, ABB LUMMUS GLOBAL INC., the assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 80911

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

Please use address associated with PTO Customer Number 80911.

Please direct telephone calls to: Jeffrey S. Bergman (713) 228-8600.

Please direct facsimiles to: (713) 228-8778.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

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The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code.

Signature:

Darly

Datcd:

12 Oct 09

Printed Name:

Helion H. Sardina

Title:

General Manager

1.

APPENDIX A

Patent Application/Serial No.: 09/973,401

Assignee(s): ABB LUMMUS GLOBAL INC.

Title: MODULAR SYSTEM AND METHOD FOR THE

CATALYTIC TREATMENT OF A GAS STREAM

Filed: October 9, 2001

Reel/Frame 012251/0982

Attorney Docket No: 17421/061001

2. Patent Application/Serial No.: 11/981,391

Assignee(s): ABB LUMMUS GLOBAL INC.

Title: MODULAR SYSTEM AND METHOD FOR THE

CATALYTIC TREATMENT OF A GAS STREAM

Filed: October 31, 2007

Reel/Frame 012251/0982

Attorney Docket No: 17421/061002